

1 What is 0.04 written as a fraction in simplest form?

- A $\frac{1}{25}$
- B $\frac{4}{100}$
- C $\frac{1}{100}$
- D $\frac{4}{25}$

2 A collection of buttons has 100 buttons and 21 of the buttons are blue. Write a fraction and a decimal to show what part of the collection is made up of blue buttons.

- A $\frac{21}{100}$, 0.021
- B $\frac{21}{1,000}$, 0.021
- C $\frac{21}{100}$, 0.21
- D $\frac{21}{10}$, 2.1

3 Syracuse, NY, has 37.01 inches of precipitation a year. What is this decimal as a mixed number in simplest form?

- A $37\frac{1}{100}$
- B $37\frac{1}{10}$
- C $38\frac{1}{100}$
- D $38\frac{1}{10}$

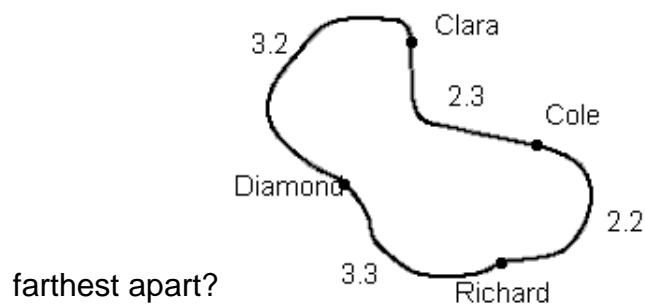
4 Tell the value of the underlined digit in 168.67.

- A seven tenths
- B seven hundredths
- C seven tens
- D seven ones

- 5 Order the decimals from least to greatest.
1.19, 1.23, 1.2, 1.09, 1.61

A 1.09, 1.19, 1.2, 1.23, 1.61
B 1.2, 1.19, 1.23, 1.61, 1.09
C 1.09, 1.2, 1.19, 1.23, 1.61
D 1.09, 1.23, 1.19, 1.2, 1.61

- 6 The map shows the distances along the roads between houses, in miles. Who lives the



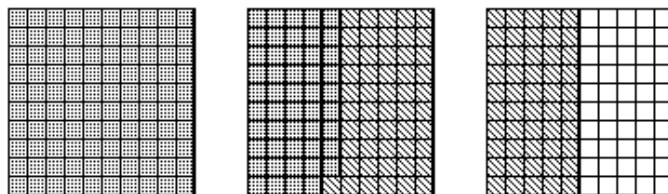
- A Diamond and Richard
B Richard and Cole
C Cole and Clara
D Clara and Diamond
- 7 Round 5.26 to the nearest tenth.
- A 5
B 5.2
C 5.3
D 5.36

- 8 The American colonies grew rapidly in the 1600s. About how much did the population grow between 1630 and 1640?

| COLONIAL POPULATION | |
|---------------------|------------------------------|
| Year | Population (in thousands) |
| 1610 | 0.35 |
| 1620 | 2.3 |
| 1630 | 4.6 |
| 1640 | 26.6 |
| 1650 | 50.4 |
| 1660 | 75.1 |

- A 22 thousand
- B 31 thousand
- C 24 thousand
- D 33 thousand

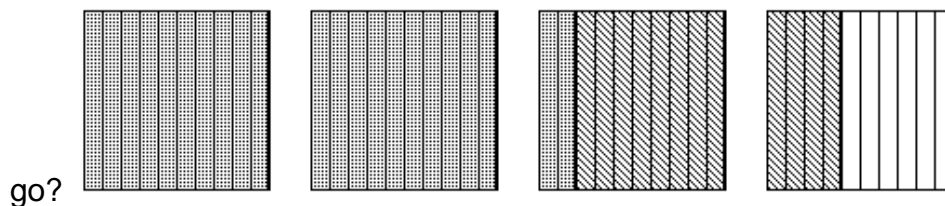
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Use the grids to help. $1.49 + 1.01$

- A 0.48
- B 2.01
- C 2.4
- D 2.5

- 10 Jerome biked 2.2 miles. Then he ran 1.2 miles. How far did Jerome



- A 1 mile
 B 2.4 miles
 C 3.3 miles
 D 3.4 miles
- 11 The table gives the length of the winning long jump in the Olympic Games for several years. There were no Olympic Games in 1916 because of World War I.

| OLYMPIC MEN'S LONG JUMP | |
|-------------------------|-----------------------------|
| Year | Winning Jump (in meters) |
| 1896 | 6.35 |
| 1900 | 7.18 |
| 1904 | 7.34 |
| 1908 | 7.48 |
| 1912 | 7.60 |
| 1920 | 7.15 |

What is the difference between the winning lengths in 1904 and 1900? You may use grids to help.

- A 0.16 meter
 B 0.27 meter
 C 1.16 meters
 D 14.52 meters

- 12 Alma rode 2.3 miles from her home to school and 15.6 miles from school to the library. How much farther did Alma ride from school to the library than from home to school?
- A 1.79 miles
 - B 13.3 miles
 - C 14.3 miles
 - D 17.9 miles
- 13 Lola put some photographs on the bulletin board. She put 5 photographs in the top row, 8 in the second row, 11 in the third row, and so on. If she put 5 rows on the bulletin board, how many photographs did she put up in all?
- A 17 photographs
 - B 31 photographs
 - C 46 photographs
 - D 55 photographs
- 14 Tye deposited 16 one-dollar bills and 3 five-dollar bills into his college fund. He now has \$100 in the fund. How much did he have in the fund before he made the deposit?
- A \$131
 - B \$119
 - C \$81
 - D \$69
- 15 1 meter = ? millimeters
- A 1
 - B 10
 - C 100
 - D 1,000
- 16 Which would be the most appropriate tool to measure the water in a bird bath?
- A medicine dropper
 - B liter measuring cup
 - C meter stick
 - D 30-centimeter ruler

- 17 The Super Skates Company conducted a survey of 310 people to find out which color of skates people preferred. They found that 6 out of 10 people prefer blue skates. Complete the statement to estimate how many people preferred blue skates.

6 out of 10 people is about $\frac{5}{10}$, or $\frac{1}{2}$ of the people. 310 is about 300 and ____?____.

- A $\frac{1}{2}$ of 300 is 15.
 - B $\frac{1}{10}$ of 300 is 30.
 - C $\frac{1}{2}$ of 300 is 600.
 - D $\frac{1}{2}$ of 300 is 150.
- 18 Which is a temperature, in °F, that is colder than -3°F ?
- A -7°F
 - B -2°F
 - C 3°F
 - D 0°F